

### Abstract

The present invention concerns deuterated catecholamine derivatives as well as pharmaceuticals containing these compounds. In addition, the invention concerns the use of deuterated catecholamine derivatives as well as physiologically compatible salts thereof, and also pharmaceutical compositions, which contain these compounds, also in combination with enzyme inhibitors, for the treatment of dopamine deficiency diseases or diseases which are based on disrupted tyrosine transport or disrupted tyrosine decarboxylase, as well as other disorders.